



GAH 3739
A. Pan/Ko
7-14-00
#4/IDS
PATENT

Attorney's Docket No. 003764.P025

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:

Jessica Chiu, et al.

Application No: 09/506,081

Filed: February 16, 2000

For: MULTI-LUMEN FLUTED
BALLOON RADIATION
CENTERING CATHETER

Examiner: Unassigned

Art Unit: 3739

Assistant Commissioner for Patents
Washington, D.C. 20231

TECHNOLOGY CENTER 3700

MAY 23 2000

RECEIVED

INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 together with copies of the documents cited on that form. It is respectfully requested that the cited documents be considered and that the enclosed copy of Information Disclosure Citation Form PTO-1449 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Assistant Commissioner for Patents, Washington, D. C. 20231

May 19, 2000

(Date of Deposit)

Erica W. Kuo

(Typed or printed name of person mailing correspondence)

Erica W. Kuo

(Signature of person mailing correspondence)

Applicants wish to draw the Examiner's attention to the following references that Applicants believe to be particularly relevant:

EP 0801 961A2; PCT WO 96/14898; PCT WO 96/10436; EP 0829 271A2; PCT WO 95/26681; PCT WO 97/40889; PCT WO 98/01185; PCT WO 98/01183; U.S. Patent Nos. 4,581,017; 5,643,171; 5,295,995; 5,308,356; 5,350,361; 5,458,572; 5,618,266; 5,938,582; 5,840,064; 5,947,924; 5,738,901; 5,599,306; 5,087,246; and 5,954,741.

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

☒ 37 C.F.R. §1.97(b).

☐ 37 C.F.R. §1.97(c). If so, then enclosed with this Information Disclosure Statement is one of the following:

☐ A statement pursuant to 37 C.F.R. §1.97(e) or

☐ A check for \$240.00 for the fee under 37 C.F.R. § 1.17(p).

☐ 37 C.F.R. §1.97(d). If so, then enclosed with this Information Disclosure Statement are the following:

(1) A statement pursuant to 37 C.F.R. §1.97(e);



- (2) A petition requesting consideration of the Information Disclosure Statement; and
- (3) A check for \$_____ for the fee under 37 C.F.R. §1.17(i) for submission of the Information Disclosure Statement.

If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

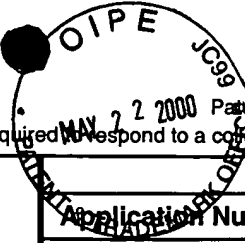
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: May 19, 2000

Erica W. Kuo
Erica W. Kuo
Reg. No. 42,775

12400 Wilshire Blvd.
Seventh Floor
Los Angeles, CA 90025-1026
(408) 720-8300

Please type a plus sign (+) inside this box →



PTO/SB/08A (10-96)
Approved for use through 10/31/99. OMB 0651-0031



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO
(Modified by BSTZ 6/30/99)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	09/506,081
Filing Date	February 16, 2000
First Named Inventor	Jessica Chiu, et al.
Group Art Unit	3739
Examiner Name	Unassigned
Attorney Docket Number	003764.P025

Sheet 1 of 18

U.S. PATENT DOCUMENTS

Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate
		Number			
		4,697,575	Horowitz	10/6/1987	11/21/1984
		4,706,652	Horowitz	11/17/1987	12/30/1985
		4,763,671	Goffinet	8/16/1988	4/25/1986
		4,815,449	Horowitz	3/28/1989	3/30/1987
		4,861,520	Van't Hooft et al.	8/29/1989	10/28/1988
		4,969,863	Van't Hooft et al.	11/13/1990	10/28/1988
		5,002,560	Machold et al.	3/26/1991	9/8/1989
		5,034,001	Garrison et al.	7/23/1991	9/8/1989
		5,059,166	Fischell et al.	10/22/1991	12/11/1989
		5,180,368	Garrison	1/19/1993	10/11/1991

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation? Yes/No
	Office or Country	Number	Date			
	PCT	WO 93/04735	9/4/1992	Are Shefer et al.	3/18/1993	
	PCT	WO 94/25106	5/3/1994	Anthony Bradshaw	11/10/1994	
	PCT	WO 95/19807	1/20/1995	Judah Weinberger	7/27/1995	
	EP	0633041A1	7/1/1993	Youri Popowski et al.	1/11/1995	
	EP	0801961A2	4/8/1997	Sam F. Liprie	10/22/1997	

OTHER DOCUMENTS

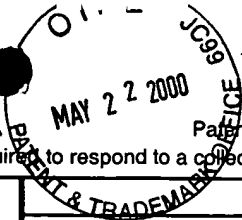
Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).	Translation? Yes/No
	-STUART LINDSAY et al., "Aortic Arteriosclerosis in The Dog After Localized Aortic X-Irradiation" <u>Circulation Research</u> , Vol. X, pp 51-60, January 1962.	
	-MEYER FRIEDMAN et al., "The Antiatherogenic Effect of Iridium ¹⁹² Upon the Cholesterol-Fed Rabbit" <u>Journal of Clinical Investigation</u> , Vol. 43, No. 2, pp 185-192, 1964.	
	-MEYER FRIEDMAN et al., "Effect of Iridium ¹⁹² Radiation on Thromboatherosclerotic Plaque in the Rabbit Aorta", <u>Arch Path.</u> Vol. 80, pp 285-290, September 1965.	

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Please type a plus sign (+) inside this box →



PTO/SB/08A (10-96)
Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO (Modified by BSTZ 6/30/99) INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/506,081
				Filing Date	February 16, 2000
				First Named Inventor	Jessica Chiu, et al.
				Group Art Unit	3739
Examiner Name	Unassigned				
Sheet	2	of	18	Attorney Docket Number	003764.P025

U.S. PATENT DOCUMENTS					
Examiner Initials *	U.S. Patent Document			Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate
		Number	Name of Patentee or Applicant of Cited Document		
		5,199,939	Dake et al.	4/6/1993	2/23/1990
		5,258,419	Rolando et al.	11/2/1993	6/26/1992
		5,267,960	Hayman et al.	12/7/1993	1/29/1992
		5,273,738	Matthews et al.	12/28/1993	3/3/1990
		5,282,781	Liprie	2/1/1994	10/25/1990
		5,302,168	Hess	4/12/1994	9/5/1991
		5,354,257	Roubin et al.	10/11/1994	1/29/1991
		5,411,466	Hess	5/2/1995	3/28/1994
		5,405,622	Vernice et al.	4/11/1995	12/22/1993
		5,456,667	Ham et al.	10/10/1995	5/20/1993

FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation? Yes/No
	Office or Country	Number	Date			
	PCT	WO 96/06654	8/28/1995	Paul S. Teirstein	3/7/1996	
	EP	0865803A2	3/18/1998	Claud Oliver Clerc et al.	9/23/1998	
	PCT	WO 96/14898	11/14/1995	Anthony Bradshaw et al.	5/23/1996	
	DE	9102312	2/27/1991	Andreas Weikl et al.	8/6/1992	Yes
	PCT	WO 98/01182	5/27/1997	Claudio Zanon et al.	1/15/1998	

OTHER DOCUMENTS			
Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).		Translation? Yes/No
	-PAUL JACK HOOPES, D.V.M., Ph.D. et al., "Intraoperative Irradiation of the Canine Abdominal Aorta and Vena Cava", <u>Int. J. Radiation Oncology Biol. Phys.</u> , Vol. 13, pp 715-722, May 1987.		
	-JOHN T. DAWSON, JR, M.D., "Theoretic Considerations Regarding Low-Dose Radiation Therapy", <u>Texas Heart Institute Journal</u> , Vol. 18, No. 1, pp 4-7, 1991.		
	-ROBERT S. SCHWARTZ, M.D. et al. "Effect of External Beam Irradiation on Neointimal Hyperplasia After Experimental Coronary Artery Injury", <u>JACC</u> , Vol. 19, No. 5, pp 1106-1113, April 1992.		

Examiner Signature	Date Considered
-----------------------	--------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Please type a plus sign (+) inside this box →



MAY 22 2000

PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Substitute for form 1449A/PTO
(Modified by BSTZ 6/30/99)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	09/506,081
Filing Date	February 16, 2000
First Named Inventor	Jessica Chiu, et al.
Group Art Unit	3739
Examiner Name	Unassigned
Attorney Docket Number	003764.P025

Sheet 3 of 18

U.S. PATENT DOCUMENTS

Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate
	Number				
	5,484,384		Fearnot	1/16/1996	10/11/1994
	5,503,613		Weinberger	4/2/1996	1/21/1994
	5,503,614		Liprie	4/2/1996	6/8/1994
	5,213,561		Weinstein et al.	5/25/1993	3/19/1992
	4,581,017		Sahota	4/8/1986	3/7/1983
	4,661,094		Simpson	4/28/1987	5/3/1985
	4,744,366		Jang	5/17/1988	9/10/1986
	4,790,315		Mueller, Jr et al.	12/13/1988	9/2/1986
	4,940,064		Desai	7/10/1990	6/30/1987
	4,994,560		Kruper, Jr et al.	2/19/1991	6/24/1987

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation? Yes/No
	Office or Country	Number	Date			
	EP	0688580A1	6/24/1994	Vitali Verin et al	12/27/1995	
	PCT	WO 96/10436	9/29/1995	Samuel F. Liprie	4/11/1996	
	PCT	WO 96/19255	12/5/1995	Michael Forman et al.	6/27/1996	
	EP	0829271A2	9/2/1997	Samuel F. Liprie	3/18/1998	
	DE	4,315,002	5/6/1993	Christoph Hehrlein	8/18/1994	Yes

OTHER DOCUMENTS

Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).	Translation? Yes/No
	-JOSEPH G. WIEDERMANN, M.D. et al., "Intracoronary Irradiation Markedly Reduces Restenosis After Balloon Angioplasty in a Porcine Model", <u>JACC</u> , Vol. 23, No. 6, pp 1491-1498, May 1994.	
	-TIM A. FISCHHELL, M.D. et al., "Low-Dose B-Particle Emission from 'Stent' Wire Results in Complete, Localized Inhibition of Smooth Muscle Cell Proliferation", <u>Circulation</u> , Vol. 90, No. 6, pp 2956-2963, December 1994.	
	MARIA G. M. HUNINK, M.D. et al., "Risks and Benefits of Femoropopliteal Percutaneous Balloon Angioplasty", <u>Journal of Vascular Surgery</u> , Vol. 17, No. 1, pp 183-194, January 1993.	

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Please type a plus sign (+) inside this box →



MAY 22 2000

PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO
(Modified by BSTZ 6/30/99)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	09/506,081
Filing Date	February 16, 2000
First Named Inventor	Jessica Chiu, et al.
Group Art Unit	3739
Examiner Name	Unassigned
Attorney Docket Number	003764.P025

Sheet 4 of 18

U.S. PATENT DOCUMENTS

Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate
	Number				
	5,019,042		Sahota	5/28/1991	4/18/1990
	5,046,503		Schneiderman	9/10/1991	4/26/1989
	5,084,002		Liprie	1/28/1992	8/4/1988
	5,263,963		Garrison et al.	11/23/1993	4/8/1991
	5,100,429		Sinofsky et al.	3/31/1992	10/20/1989
	5,133,956		Garlich et al.	7/28/1992	5/30/1991
	5,040,543		Badera et al.	8/20/1991	7/25/1990
	5,176,617		Fischell et al.	1/5/1993	10/21/1991
	5,226,889		Sheiban	7/13/1993	7/24/1991
	5,782,740		Schneiderman	7/21/1998	8/29/1996

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation? Yes/No
	Office or Country	Number	Date			
	PCT	WO 97/07740	8/22/1996	Victor I. Chornenky et al.	3/6/1997	
	PCT	WO 98/01184	7/4/1997	Edgar Loffler et al.	1/15/1998	
	PCT	WO 92/17236	3/12/1992	Paul M. Scopton et al.	10/15/1992	
	PCT	WO 95/26681	3/31/1995	Samuel F. Liprie	10/12/1995	
	PCT	WO 97/37715	4/4/1997	Ron Waksman et al.	10/16/1997	

OTHER DOCUMENTS

Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).	Translation? Yes/No
	-RON WAKSMAN M.D. et al., "Endovascular Low-Dose Irradiation Inhibits Neointima Formation After Coronary Artery Balloon Injury in Swine", <u>Circulation</u> , Vol. 91, No. 5, pp 1533-1539, March 1, 1995.	
	-Z. WESHLER et al., "Inhibition by Irradiation of Smooth Muscle Cell Proliferation in the De-Endothelialized Rat Aorta", <u>Frontiers in Radiation Biology</u> , pp 133-138, October 1988.	
	-C. HEHRLEIN et al. "Radioactive Stents", <u>Discoveries in Radiation for Restenosis</u> , Abstract 22, pp 63-64, January 1996.	

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Please type a plus sign (+) inside this box →



MAY 22 2000

PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO
(Modified by BSTZ 6/30/99)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	09/506,081
Filing Date	February 16, 2000
First Named Inventor	Jessica Chiu, et al.
Group Art Unit	3739
Examiner Name	Unassigned
Attorney Docket Number	003764.P025

Sheet 5 of 18

U.S. PATENT DOCUMENTS

Examiner Initials *		U.S.Patent Document	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate
		Number			
		5,840,067	Berguer et al.	11/24/1998	2/28/1997
		5,851,171	Gasson	12/22/1998	11/4/1997
		5,871,436	Eury	2/16/1999	7/19/1996
		5,863,284	Klein	1/26/1999	8/20/1996
		5,300,281	McMillan et al.	4/5/1994	7/1/1992
		5,320,824	Brodack et al.	6/14/1994	4/16/1993
		5,707,332	Weinberger	1/13/1998	11/30/1995
		5,336,518	Narayanan et al.	8/9/1994	12/11/1992
		5,380,747	Medford et al.	1/10/1995	10/30/1992
		5,415,664	Pinchuk	5/16/1995	3/30/1994

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation? Yes/No
	Office or Country	Number	Date			
	PCT	WO 97/40889	4/29/1997	Marc G. Apple et al.	11/6/1997	
	PCT	WO 98/01183	7/4/1997	Edgar Loffler et al.	1/15/1998	
	PCT	WO 98/01185	7/4/1997	Edgar Loffler et al.	1/15/1998	
	PCT	WO 98/39052	1/8/1998	Rodger Hastings et al.	9/11/1998	
	EP	0879614A1	5/20/1998	John S. Nagy	11/25/1998	

OTHER DOCUMENTS

Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).	Translation? Yes/No
	-TIM A. FISCHHELL, M.D. et al., "A Beta-Particle Emitting Radioisotope Stent for The Prevention of Restenosis," <u>Discoveries in Radiation for Restenosis</u> , Abstract 23, p 65, January 1996.	
	-ALEXANDER N. LI et al., "A Novel Brachytherapy Source for Treatment of Coronary Artery Restenosis," <u>Discoveries in Radiation for Restenosis</u> , Abstract 24, pp 67-72, January 1996.	
	-RON WAKSMAN, M.D., "Catheter-Based Radiation In Stented Arteries", <u>Discoveries in Radiation for Restenosis</u> , Abstract 25, pp 73-74, January 1996.	

Examiner Signature	Date Considered
-----------------------	--------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Please type a plus sign (+) inside this box →



MAY 22 2000

PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO
(Modified by BSTZ 6/30/99)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	09/506,081
Filing Date	February 16, 2000
First Named Inventor	Jessica Chiu, et al.
Group Art Unit	3739
Examiner Name	Unassigned
Attorney Docket Number	003764.P025

Sheet 6 of 18

U.S. PATENT DOCUMENTS

Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate
		Number			
		5,409,495	Osborn	4/25/1995	8/24/1993
		5,441,516	Wang et al.	8/15/1995	3/3/1994
		5,447,497	Sogard et al.	9/5/1995	5/16/1994
		5,498,227	Mawad	3/12/1996	9/15/1993
		5,507,769	Marin et al.	4/16/1996	10/18/1994
		5,688,486	Watson et al.	11/18/1997	2/11/1993
		5,540,659	Teirstein	7/30/1996	8/30/1994
		5,616,114	Thornton et al.	4/1/1997	12/8/1994
		5,643,171	Bradshaw et al.	7/1/1997	11/15/1994
		5,653,691	Rupp et al.	8/5/1997	4/25/1996

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation? Yes/No
	Office or Country	Number	Date			

OTHER DOCUMENTS

Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).	Translation? Yes/No
	-LOUIS G. MARTIN, M.D., "Radiation for Peripheral Applications: Technical Aspects," <u>Discoveries in Radiation for Restenosis</u> , Abstract 27, pp 81-82, January 1996.	
	-ALAN B. LUMSDEN, M.D. et al, "Restenosis in Peripheral Vascular Disease," <u>Discoveries in Radiation for Restenosis</u> , Abstract 28, pp 83-88, January 1996.	
	-B. SCHOPHOHL et al., "Endovascular Irradiation for Avoidance or Recurrent Stenosis After Stent Implantation in Peripheral Arteries-5 years Follow-up", <u>Discoveries in Radiation for Restenosis</u> , Abstract 29, pp 89-92, January 1996.	

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Please type a plus sign (+) inside this box →



MAY 22 2000

PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO
(Modified by BSTZ 6/30/99)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	09/506,081
Filing Date	February 16, 2000
First Named Inventor	Jessica Chiu, et al.
Group Art Unit	3739
Examiner Name	Unassigned
Attorney Docket Number	003764.P025

Sheet 7 of 18

U.S. PATENT DOCUMENTS

Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate
		Number			
		5,683,345	Waksman et al.	11/4/1997	10/27/1994
		4,748,982	Horzewski et al.	6/7/1988	1/6/1987
		4,762,130	Forgarty et al.	8/9/1988	1/15/1987
		4,771,778	Mar	9/20/1988	1/6/1987
		4,775,371	Mueller, Jr.	10/4/1988	9/2/1986
		4,976,720	Machold et al.	12/11/1990	7/18/1988
		4,983,167	Sahota	1/8/1991	11/23/1988
		4,998,917	Gaiser et al.	3/12/1991	12/21/1988
		5,015,230	Martin et al.	5/14/1991	1/30/1990
		5,032,113	Burns	7/16/1991	4/13/1989

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation? Yes/No
	Office or Country	Number	Date			

OTHER DOCUMENTS

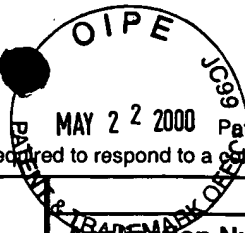
Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).	Translation? Yes/No
	-RON WAKSMAN, M.D., "Radiation in the Peripheral System at Emory," <u>Discoveries in Radiation for Restenosis</u> , Abstract 30, pp 93-94, January 1996.	
	-PAUL S. TEIRSTEIN et al., "Catheter-Based Radiation Therapy to Inhibit Restenosis Following Coronary Stenting," <u>Discoveries in Radiation for Restenosis</u> , Abstract 31, p 99, January 1996.	
	-SPENCER B. KING III, M.D., "Clinical Restenosis Trials Using Beta Energy Radiation," <u>Discoveries in Radiation for Restenosis</u> , Abstract 32, pp 101-102, January 1996.	

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Please type a plus sign (+) inside this box →



PTO/SB/08A (10-96)
Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form **1449A/PTO**
(Modified by BSTZ 6/30/99)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	09/506,081
Filing Date	February 16, 2000
First Named Inventor	Jessica Chiu, et al.
Group Art Unit	3739
Examiner Name	Unassigned
Attorney Docket Number	003764.P025

Sheet 8 of 18

U.S. PATENT DOCUMENTS

Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate
		Number			
		5,061,273	Yock	10/29/1991	7/5/1990
		5,137,513	McInnes et al.	8/11/1992	7/2/1990
		5,176,661	Evard et al.	1/5/1993	10/15/1991
		5,195,971	Sirhan	3/23/1993	2/10/1992
		5,242,396	Evard	9/7/1993	12/19/1991
		5,279,562	Sirhan et al.	1/18/1994	1/15/1993
		5,295,959	Gurbel et al.	3/22/1994	3/13/1992
		5,295,960	Aliahmad et al.	3/22/1994	4/1/1992
		5,295,995	Kleiman	3/22/1994	8/27/1992
		5,306,246	Sahatjian et al.	4/26/1994	9/11/1992

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation? Yes/No
	Office or Country	Number	Date			

OTHER DOCUMENTS

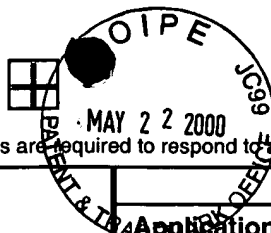
Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).	Translation? Yes/No
	-PHILIP URBAN, M.D. et al., "Endovascular Irradiation with 90Y Wire", <u>Discoveries in Radiation for Restenosis</u> , Abstract 33, pp 103-104, January 1996.	
	-JOSE A. CONDADO, et al., "Late Follow-up After Percutaneous Transluminal Coronary Angioplasty (PTCA) and Intracoronary Radiation Therapy (ICRT)," <u>Discoveries in Radiation for Restenosis</u> , Abstract 34, p 105, January 1996.	
	-THOMAS D. WELDON, "Catheter Based Beta Radiation System", <u>Discoveries in Radiation for Restenosis</u> , Abstract 35, p 111, January 1996.	

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Please type a plus sign (+) inside this box →



PTO/SB/08A (10-96)
Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Substitute for form 1449A/PTO
(Modified by BSTZ 6/30/99)

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	09/506,081
Filing Date	February 16, 2000
First Named Inventor	Jessica Chiu, et al.
Group Art Unit	3739
Examiner Name	Unassigned
Attorney Docket Number	003764.P025

Sheet 9 of 18

U.S. PATENT DOCUMENTS

Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate
		Number			
		5,308,356	Blackshear, Jr. et al.	5/3/1994	2/25/1993
		5,334,154	Samson et al.	8/2/1994	8/4/1992
		5,350,361	Tsukashima et al.	9/27/1994	11/10/1993
		5,352,199	Tower	10/4/1994	5/28/1993
		5,395,333	Brill	3/7/1995	9/1/1993
		5,458,572	Campbell et al.	10/17/1995	7/1/1994
		5,507,301	Wasicek et al.	4/16/1996	12/28/1994
		5,516,336	McInnes et al.	5/14/1996	1/18/1994
		5,542,925	Orth	8/6/1996	2/13/1995
		5,573,508	Thornton	11/12/1996	11/22/1994

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation? Yes/No
	Office or Country	Number	Date			

OTHER DOCUMENTS

Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).	Translation? Yes/No
	-ERIC VAN'T HOOFT, et al., "HDR Afterloader for Vascular Use", <u>Discoveries in Radiation for Restenosis</u> , Abstract 36, p 113, January 1996.	
	-ROBERT E. FISCHHELL, et al., "The Radioisotope Stent: Conception and Implementation", <u>Discoveries in Radiation for Restenosis</u> , Abstract 37, p 115, January 1996.	
	-YOURI POPOWSKI M.D., et al., "Radioactive Wire in a Self-Centering Catheter System", <u>Discoveries in Radiation for Restenosis</u> , Abstract 38, pp 117-118, January 1996.	

Examiner Signature	Date Considered
-----------------------	--------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Please type a plus sign (+) inside this box →



MAY 22 2000

PTO/SB/08A (10-96)
Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO
(Modified by BSTZ 6/30/99)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	09/506,081
Filing Date	February 16, 2000
First Named Inventor	Jessica Chiu, et al.
Group Art Unit	3739
Examiner Name	Unassigned
Attorney Docket Number	003764.P025

Sheet 10 of 18

U.S. PATENT DOCUMENTS

Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate
	Number				
	5,573,509		Thomton	11/12/1996	11/22/1994
	5,618,266		Liprie	4/8/1997	9/30/1994
	5,910,101		Andrews et al.	6/8/1999	8/29/1996
	5,938,582		Ciamacco, Jr et al.	8/17/1999	9/26/1997
	5,730,698		Fischell et al.	3/24/1998	5/9/1995
	4,936,823		Colvin et al.	6/26/1990	5/4/1988
	4,771,777		Horzewski et al.	9/20/1988	1/6/1987
	5,899,882		Waksman et al.	5/4/1999	4/4/1996
	5,964,730		Williams et al.	10/12/1999	8/29/1997
	5,976,106		Verin et al.	11/2/1999	6/20/1995

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation? Yes/No
	Office or Country	Number	Date			

OTHER DOCUMENTS

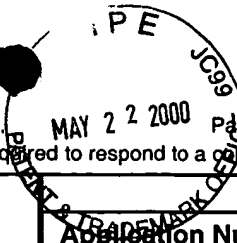
Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).	Translation? Yes/No
	-RICHARD V. CALFEE, Ph.D., "High Dose Rate Afterloader System For Endovascular Use-Neocardia", <u>Discoveries in Radiation for Restenosis</u> , Abstract 39, pp 119, January 1996.	
	-DR. EDWARD F. SMITH III, "Issues on Handling Radioactive Devices to Prevent Restenosis", , <u>Discoveries in Radiation for Restenosis</u> , Abstract 40, pp 121-122, January 1996.	
	-RICHARD E. KUNTS, M.D. et al., "Generalized Model of Restenosis After Conventional Balloon Angioplasty, Stenting and Directional Atherectomy", <u>JACC</u> , Vol, 21. No. 1, pp 15-25, January 1993.	

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Please type a plus sign (+) inside this box →



PTO/SB/08A (10-96)
Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Substitute for form 1449A/PTO
(Modified by BSTZ 6/30/99)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	09/506,081
Filing Date	February 16, 2000
First Named Inventor	Jessica Chiu, et al.
Group Art Unit	3739
Examiner Name	Unassigned
Attorney Docket Number	003764.P025

Sheet 11 of 18

U.S. PATENT DOCUMENTS

Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate
	Number				
	5,797,948		Dunham	8/25/1998	12/19/1996
	5,882,290		Kume	3/16/1999	2/29/1996
	5,961,765		Kastenhofer	10/5/1999	9/24/1997
	5,840,064		Liprie	11/24/1998	4/15/1996
	5,797,869		Martin et al.	8/25/1998	6/7/1995
	5,782,742		Crocker et al.	7/21/1998	1/31/1997
	5,951,458		Hastings et al.	9/14/1999	8/1/1997
	5,947,924		Liprie	9/7/1999	9/13/1996
	5,738,901		Wang et al	4/14/1998	11/1/1995
	5,658,311		Baden	8/19/1997	7/5/1996

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation? Yes/No
	Office or Country	Number	Date			

OTHER DOCUMENTS

Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).	Translation? Yes/No
	-ROBERT S. SCHWARTZ et al., "Differential Neointimal Response to Coronary Artery Injury in Pigs and Dogs", <u>Arteriosclerosis and Thrombosis</u> , Vol. 14, No. 3, pp 395-400, March 1994.	
	-MICHAEL HAUDE, M.D. et al, "Quantitative Analysis of Elastic Recoil after Balloon Angioplasty and After Intracoronary Implantation of Balloon-Expandable Palmaz-Schatz Stents", <u>JACC</u> , Vol. 21, No. 1, pp 26-34, January 1993.	
	WILLIAM S. WEINTRAUB M.D. et al., "Can Restenosis After Coronary Angioplasty Be Predicted From Clinical Variables?", <u>JACC</u> , Vol. 21, No. 1, pp 6-14, January 1993.	

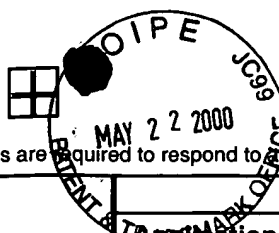
Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Please type a plus sign (+) inside this box →



PTO/SB/08A (10-96)
Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Substitute for form 1449A/PTO
(Modified by BSTZ 6/30/99)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	09/506,081
Filing Date	February 16, 2000
First Named Inventor	Jessica Chiu, et al.
Group Art Unit	3739
Examiner Name	Unassigned
Attorney Docket Number	003764.P025

Sheet 12 of 18

U.S. PATENT DOCUMENTS

Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate
	Number				
	5,599,306		Klein et al.	2/4/1997	9/29/1995
	5,501,667		Verduin, Jr.	3/26/1996	3/15/1994
	5,826,588		Forman	10/27/1998	10/23/1997
	5,425,710		Khair et al.	6/20/1995	10/26/1993
	5,087,246		Smith	2/11/1992	12/29/1988
	4,793,351		Landman et al.	12/27/1988	6/15/1987
	4,323,071		Simpson et al.	4/6/1982	5/19/1980
	4,195,637		Gruntzig et al.	4/1/1980	11/21/1977
	5,549,552		Peters et al.	8/27/1996	3/2/1995
	5,836,965		Jendersee et al.	11/17/1998	6/7/1995

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation? Yes/No
	Office or Country	Number	Date			

OTHER DOCUMENTS

Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).	Translation? Yes/No
	-TSUNEKAZU KAKUTA, M.D. et al., "Differences in Compensatory Vessel Enlargement, Not Intimal Formation, Account for Restenosis After Angioplasty in the Hypercholesterolemic Rabbit Model," <u>Circulation</u> , Vol. 89, No. 6, pp 2809-2815, June 1994.	
	-CHRISTINA UNTERBERG, M.D. et al., "Reduced Acute Thrombus Formation Results in Decreased Neointimal Proliferation After Coronary Angioplasty", <u>JACC</u> , Vol. 26, No. 7, pp 1747-1754, December 1995.	
	LEWIS W. JOHNSON et al., "Review of Radiation Safety in the Cardiac Catheterization Laboratory", <u>Catheterization and Cardiovascular Diagnosis</u> , Vol. 25, pp 186-194, 1992.	

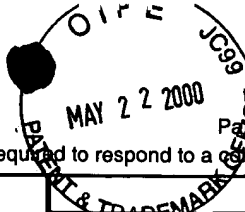
Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Please type a plus sign (+) inside this box →



PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Substitute for form 1449A/PTO
(Modified by BSTZ 6/30/99)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	09/506,081
Filing Date	February 16, 2000
First Named Inventor	Jessica Chiu, et al.
Group Art Unit	3739
Examiner Name	Unassigned
Attorney Docket Number	003764.P025

Sheet 13 of 18

U.S. PATENT DOCUMENTS

Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate
		Number			
		5,766,192	Zacca	6/16/1998	10/16/1996
		5,954,741	Fox	9/21/1999	6/16/1995
		5,762,906	Creighton	6/9/1998	12/15/1992
		5,984,963	Ryan et al.	11/16/1999	4/23/1996
		4,251,305	Becker et al.	2/17/1981	11/1/1978
		5,501,759	Forman	3/26/1996	9/12/1994
		3,560,291	Foglia et al.	2/2/1971	3/27/1964
		3,769,117	Bowen et al.	10/30/1973	12/30/1971
		3,974,016	Bondybey et al.	8/10/1976	11/4/1974
		4,069,080	Osborne	1/17/1978	6/11/1976

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation? Yes/No
	Office or Country	Number	Date			

OTHER DOCUMENTS

Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).	Translation? Yes/No
	-ROGER W. BYHARDT et al., "The Heart and Blood Vessels", <u>Radiation Oncology Rationale, Technique, Results</u> , pp 277-284, January 1996.	
	-C.G. SOARES et al., "Measurement of Radial Dose Distributions Around Small Beta Particle Emitters Using High Resolution Radiochromic Foil Dosimetry", <u>Nuclear Technology Publishing</u> , Vol. 4, No. 1, pp 367-372, 1992.	
	LOUIS K. WAGNER, PH.D. et al., "Potential Biological Effects Following High X-Ray Dose Intervational Procedures", <u>Journal of Vascular and Interventional Radiology</u> , pp 71-84, January-February 1994.	

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Please type a plus sign (+) inside this box →



MAY 22 2000

PTO/SB/08A (10-96)
Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO (Modified by BSTZ 6/30/99) INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	09/506,081
				Filing Date	February 16, 2000
				First Named Inventor	Jessica Chiu, et al.
				Group Art Unit	3739
				Examiner Name	Unassigned
Sheet	14	of	18	Attorney Docket Number	003764.P025

U.S. PATENT DOCUMENTS					
Examiner Initials *		U.S. Patent Document	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate
		Number			
		4,156,626	Souder	5/29/1979	7/18/1977
		4,515,651	Mac Laughlin et al.	5/7/1985	8/27/1984
		4,537,809	Ang et al.	8/27/1985	7/20/1983
		4,733,047	Cruickshank et al.	3/22/1988	2/20/1987
		5,151,149	Swartz	9/29/1992	9/5/1991

FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation? Yes/No
	Office or Country	Number	Date			

OTHER DOCUMENTS		
Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).	Translation? Yes/No
	-RON WAKSMAN M.D. et al., "Intracoronary Low-Dose B-Irradiation Inhibits Neointima Formation After Coronary Artery Balloon Injury in the Swine Restenosis Model", <u>Circulation</u> , Vol. 92, No. 10, pp 3025-3031, November 15, 1995.	
	-JOSEPH G. WIEDERMANN, M.D. et al., "Intracoronary Irradiation Markedly Reduces Neointimal Proliferation After Balloon Angioplasty in Swine: Persistent Benefit at 6-month Follow-up", <u>JACC</u> Vol. 25, No. 1, pp 1451-1456, May 1995.	
	-DIETER LIERMANN et al., "Prophylactic Endovascular Radiotherapy to Prevent Intimal Hyperplasia After Stent Implantation in Femoropopliteal Arteries", <u>Cardiovascular and Interventional Radiology</u> , Vol. 17, pp 12-16, 1994.	

Examiner Signature	Date Considered
-----------------------	--------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

+

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

(use as many sheets as necessary)

Sheet	15	of	18
-------	----	----	----

Application Number	09/506,081
Filing Date	February 16, 2000
First Named Inventor	Jessica Chiu, et al.
Group Art Unit	3739
Examiner Name	Unassigned
Attorney Docket Number	003764.P025

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials *		Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation? Yes/No
		Office or Country	Number	Date			

OTHER DOCUMENTS

Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).	Translation? Yes/No
	-JOSEPH G. WIDERMANN et al., "Effects of High-Dose Intracoronary Irradiation on Vasomotor Function and Smooth Muscle Histopathology", <u>Intracoronary Irradiation and Vasomotion</u> , pp H125-H132, 1994.	
	KEITH L. MARCH, M.D. et al., "8-Methoxypsoralen and Longwave Ultraviolet Irradiation Are a Novel Antiproliferative Combination for Vascular Smooth Muscle", <u>Circulation</u> , Vol. 87, No. 1, pp 184-191, January 1993.	
	-BARRY T. KATZEN, M.D., "Mechanical Approaches to Restenosis in the Peripheral Circulation", January 1996.	

**Examiner
Signature**

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Please type a plus sign (+) inside this box →



MAY 22 2000

PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO
(Modified by BSTZ 6/30/99)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	09/506,081
Filing Date	February 16, 2000
First Named Inventor	Jessica Chiu, et al.
Group Art Unit	3739
Examiner Name	Unassigned
Attorney Docket Number	003764.P025

Sheet 16 of 18

U.S. PATENT DOCUMENTS

Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate
		Number			

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation? Yes/No
	Office or Country	Number	Date			

OTHER DOCUMENTS

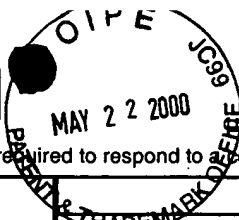
Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).	Translation? Yes/No
	-VITALI VERIN, M.D., et al., "Intra-Arterial Beta Irradiation Prevents Neointimal Hyperplasia in a Hypercholesterolemic Rabbit Restenosis Model", <u>Circulation</u> , Vol. 92, No. 8, pp 2284-2290, October 15, 1995.	
	-RON WAKSMAN M.D. et al., "Intracoronary Radiation Before Stent Implantation Inhibits Neointima Formation in Stented Porcine Coronary Arteries", <u>Circulation</u> , Vol. 92, No. 6, pp 1383-1386, September 15, 1995.	
	CHRISOPH HEHRLEIN, M.D., et al., "Low-Dose Radioactive Endovascular Stents Prevent Smooth Muscle Cell Proliferation and Neointimal Hyperplasia in Rabbits", <u>Circulation</u> , Vol. 92, No. 6, pp 1570-1575, September 15, 1995.	

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Please type a plus sign (+) inside this box →



PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Substitute for form 1449A/PTO
(Modified by BSTZ 6/30/99)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	09/506,081
Filing Date	February 16, 2000
First Named Inventor	Jessica Chiu, et al.
Group Art Unit	3739
Examiner Name	Unassigned
Attorney Docket Number	003764.P025

Sheet 17 of 18

U.S. PATENT DOCUMENTS

Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate
		Number			

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation? Yes/No
	Office or Country	Number	Date			

OTHER DOCUMENTS

Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).	Translation? Yes/No
	-PCT Search Report PCT/US 99/03327 mailed June 18, 1999.	
	-PCT Search Report PCT/US 99/03343 mailed June 17, 1999.	
	PCT Search Report PCT/US 99/03328 mailed June 18, 1999.	

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Please type a plus sign (+) inside this box →



MAY 22 2000

PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO
(Modified by BSTZ 6/30/99)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	09/506,081
Filing Date	February 16, 2000
First Named Inventor	Jessica Chiu, et al.
Group Art Unit	3739
Examiner Name	Unassigned
Attorney Docket Number	003764.P025

Sheet 18 of 18

U.S. PATENT DOCUMENTS

Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate
		Number			

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation? Yes/No
	Office or Country	Number	Date			

OTHER DOCUMENTS

Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).	Translation? Yes/No
	PCT Search Report PCT/US 99/03329 mailed June 18, 1999.	
	-PCT Search Report PCT/US 99/03360 mailed June 17, 1999.	

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.